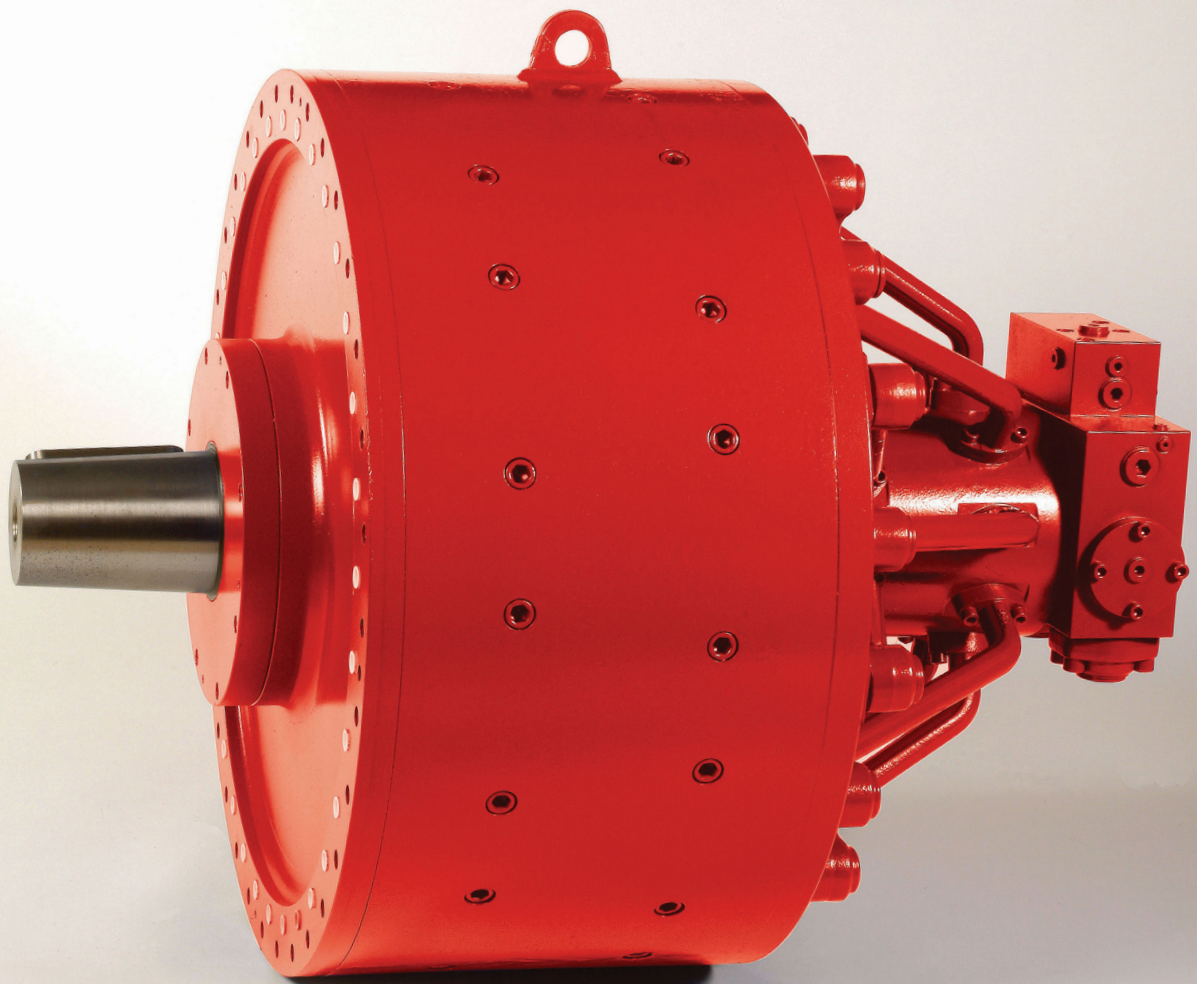


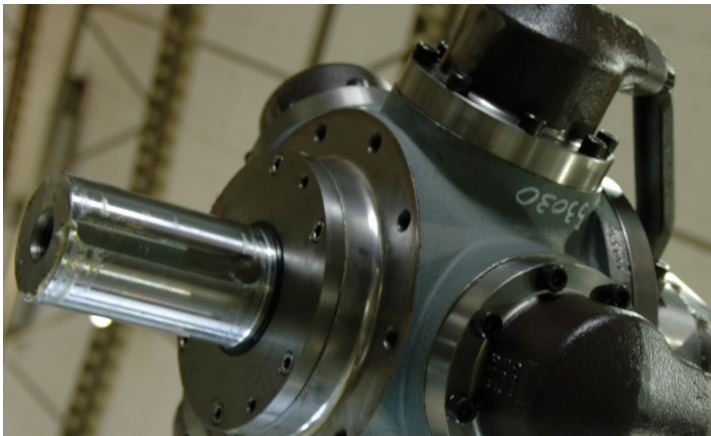


www.bauer.no

Large Hydraulic Motors

since 1965

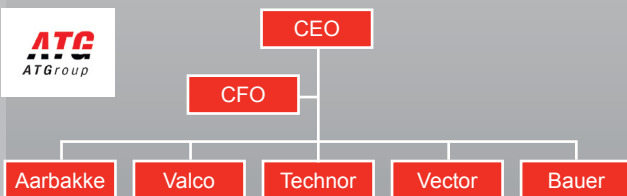




Modern manufacturing facilities both at Karmsund Maritime Offshore Base

Bauer Hydraulic Motors is located at Karmsund Maritime Offshore Base, near Haugesund at the west coast of Norway.

AT Group (ATG) created from Energy & Industry supplier Groups. It is the amalgamation of five HitecVision controlled group of companies; Aarbakke, Technor, Valco, Vector and Bauer.



Specialised technical knowledge

Through decades of hydraulic problem-solving, Bauer Hydraulic Motors / Bauer-Nilsen has done the design and manufacturing of high pressure hydraulic motors since 1965 for demanding applications within ship and offshore winches, traverse systems, thrusters, mixers, conveyors, and other land based applications.

Our sister company Bauer-Nilsen cover a wide range of high pressure hydraulic cylinders with sizes from 60 to 900 mm boring, and lengths up to 15 meters.

Our engineers apply their specialised knowledge in a close and constructive partnership with the customer. Our personnel go to great lengths to fully understand the challenges of each unique hydraulic motor application.

Our organisation is still small enough to allow close and personal attendance to the projects.

Our technical knowledge is continually strengthened, both through cooperating with customers on challenging projects, cooperating with suppliers on new technical solutions, and through our own continuous development.



Product range

Bauer Hydraulic Motors programme consists of different standard motors size ranging from 1,0 l/rev to 32,6 l/rev, with torque up to 138 000 Nm. All motors are radial piston type with heavy roller bearings on shaft end eccentric. Internal friction is very low and starting torque high. Bauer also produces motors with two shaft ends and multispeed motors are also available.

Service and maintenance

Bauer Hydraulic Motors offers service and maintenance of hydraulic motors.

We can carry out service assignments at our own facilities on the offshore base, or we can send qualified service personnel to locations around the world, depending on where our customers' products are located, and what might be the most appropriate action in the current situation.

Our service personnel are always available, through our 24 hour service phone.

MOTOR TYPE	DISPLACEMENT		SPECIFIC TORQUE		RATED SPEED	SPEED CHANGE	DUAL LOAD CONTROL VALVE	FREE WHEELING	TWO SHAFT ENDS
	litre/rev.	in ³ /rev	Nm/bar	lbf.ft/psi	rpm	Available on request		Available on request	
HML5-1.0	1,03	63	15,20	0,77	300		O		
HML5-1.4	1,36	83	20,10	1,02	214		O		
HMB5-1.8	1,82	111	27,50	1,40	330		O		O
HMB5-2.3	2,27	139	34,30	1,74	265		O		O
HMM5-2.3	2,27	139	34,30	1,74	-		O		
HMB5-2.6	2,61	159	39,50	2,00	230		O		O
HMB5-2.8	2,77	169	41,80	2,12	217		O		O
HMB5-3.3	3,26	200	49,40	2,51	184		O		O
HMB5-4.0	3,98	243	60,30	3,07	150		O		O
HMB7-3.7	3,65	223	55,30	2,81	164		O		O
HMB7-4.6	4,56	279	69,10	3,51	131		O		O
HMB7-5.6	5,58	341	84,60	4,30	108		O		O
HMJ9-5.9	5,87	359	89,20	4,54	102	O	O	O	O
HMJ9-7.2	7,17	438	109,00	5,52	84	O	O	O	O
HMH5-7.3	7,30	446	110,40	5,61	82		O		O
HMH7-10.2	10,22	624	154,20	7,84	59		O		O
HMH7-12.7	12,72	777	191,80	9,75	47		O		O
HMH9-13.2	13,14	802	199,60	10,15	46	O	O	O	O
HMH9-16.3	16,35	998	246,50	12,54	37	O	O	O	O
HMK14-20.4	20,40	1248	308,40	15,68	49	O			
HMK18-26.4	26,40	1604	398,20	20,25	38	O			
HMK18-32.6	32,60	1996	493,00	25,08	31	O			

Peak pressure for all motors is 375 bar. Max pressure – short duration from 280 to 315 bar dependent on motor type.



DNV
ABS
BV

Others classification societies on request

Reference list:
MacGregor/Cargotec
Rolls Royce Marine
Karmøy Winch
TTS
Oilpower
Triplex
Marine Aluminium
FMC
Sevan
Odim
BW Offshore
Rapp Hydema
Imantech

Close cooperation with classification societies

Bauer Hydraulic Motors has through decades of hydraulic design and manufacturing, always worked in close cooperation with all major classification societies like DNV, ABS and Bureau Veritas.

Supplier network

Through decades of hydraulic experience, we have built up a large network of suppliers, each representing the best available knowledge and technology in the field.

This network of suppliers grants us access to leading-edge knowledge and technology, securing our ability to deliver products for a wide range of applications, in addition to adding flexibility to our own production capacity.



Sinu Marine Technology Co, Ltd.(Shang Hai)

Hydraulic Spares Parts | Hydraulic Motor | Pump | Valves | Hose | Cylinder |

ADD: No. 1F, 1036#, XiZa Road, FengXian, Pu Dong, ShangHai, China

Cell-Phone: +86 13661617099 Email: Info@sinumarine.com

Web: <http://www.sinumarine.com> Wechat ID: sinumarine

Shipserv: 301989 Procureship: 4913 MESPAS: Q5G-317

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